

Claims

Sub B1
1. Collision-resistant double-skinned structure having an outer skin and an inner skin, comprising:

5 a series of channels (3) made of a ductile material and positioned alongside or above one another, which channels are attached by the tips of their side walls (4, 5) to the inner surface of the outer skin (1) of the structure, the base (6) of each channel being connected at least by a stringer (7), essentially perpendicular to said base, to the inner skin of the structure or to a construction attached thereto.

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2. Structure according to Claim 1, characterised in that the bases (6) of successive channels are joined to one another by means of strips (8) or a stringer.

part A1
15 3. Structure according to Claim 1 or 2, characterised in that those channel parts (4, 5) directed towards the inner surface of the outer skin of the ship's side make an angle α of less than 90° with said outer skin.

20 4. Structure according to one of the preceding claims, characterised in that channels (3) are also arranged on the inner surface of the inner skin (2), which channels (3) are attached by the tips of the side walls to said inner surface, and in that the said stringers (7) extend between the channels (3) arranged on the outer skin (1) and the channels (3) arranged on the inner skin (2).

25 5. Structure according to one of the preceding claims, characterised in that the channels (3) of each series are joined to one another to form a corrugated plate.

6. Structure according to one of the preceding claims, characterised in that the structure is made of steel 37.